

*Long Island*  
WELL LOCATIONS



#8505R Fifth Cut

The diagram illustrates the components and assembly of a double pipe jet pump system. The main vertical assembly includes a well cap, pump cable, ground line, bury pipe, pitless adapter, coupling, check valve, bleeder orifice, another check valve, and a submersible pump. A side view shows the pump connected to a suction pipe to service and a pressure pipe. The diagram also indicates the bury depth and a ground line.

Labels in the diagram include:

- WELL CAP
- PUMP CABLE
- 8"
- GROUND LINE
- BURY DEPTH
- BURY PIPE
- PITLESS ADAPTER
- COUPLING
- CHECK VALVE
- BLEEDER ORIFICE
- CHECK VALVE
- SUBMERSIBLE PUMP
- PRESSURE PIPE TO SERVICE
- WELL PIPE
- DROP PIPE
- SUCKION PIPE TO SERVICE
- PRESSURE PIPE
- DOUBLE PIPE JET PUMP

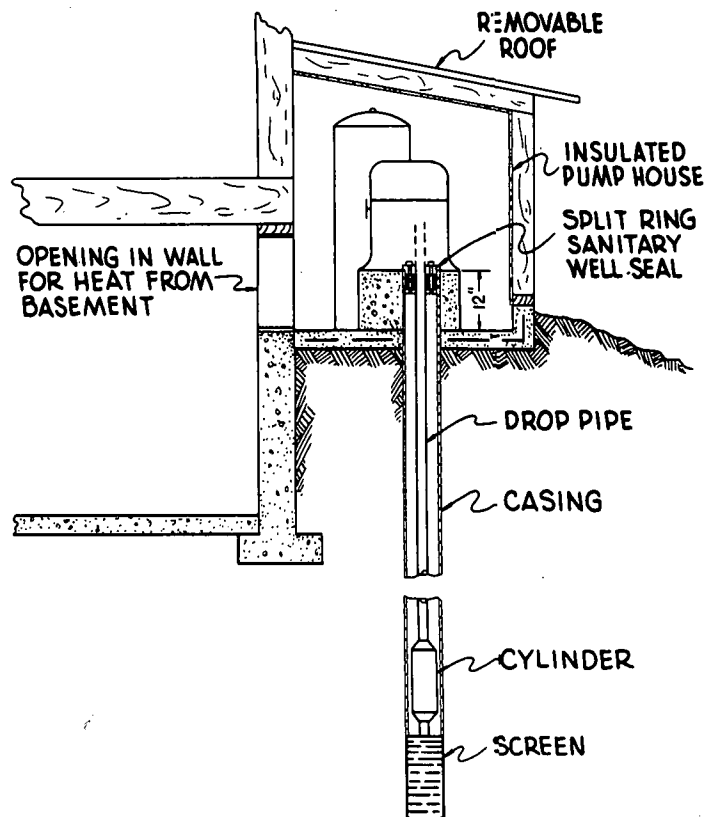


Diagram illustrating the installation requirements for a well and pump system, showing dimensions and safety clearances.

**Dimensions:**

- Overall length: 150'
- Segment 1: 38'
- Segment 2: 22'
- Segment 3: 30'
- Segment 4: 50'
- Minimum clearance from building: 10' MIN.

**Clearance Requirements:**

- ALL SEWERS WITHIN 50' OF WELL AND BURIED PUMP SUCTION LINE CONSTRUCTED OF X.H.C. SOIL PIPE
- NO SEWERS WITHIN 10 FT. OF WELL OR SUCTION LINE

**Well and Pump Details:**

- WELL (indicated by a circle with a cross)
- PUMP (indicated by a rectangle with a diagonal line)
- 50' MIN. clearance from building to well/pump area

**Minimum Spacing:**

- MINIMUM SPACING VARIES WITH TRENCH WIDTH
- SEE BULLETIN 5E.8

**Crushed Stone or Gravel Details:**

- CRUSHED STONE OR GRAVEL,  $\frac{1}{2}$ " TO  $2\frac{1}{2}$ "
- ALLOWABLE WIDTH 18" TO 36"
- Thickness: 2"
- Depth: 6"
- Width: 24"

**Slope:**

- SLOPE (indicated by an arrow pointing right)

APPLICATION FOR APPROVAL  
OF  
PRIVATE WATER SUPPLY and/or PRIVATE SEWERAGE SYSTEM

SBH-5-0-32 (REV.58)

FHA

Serial No.....

VA

Name of Mortgagor ..... Name of Mortgagee .....  
Present Mailing Address ..... Name of Builder .....

NOTE: PLEASE FILL OUT APPLICATION COMPLETELY

PROPERTY LOCATION: County ..... City ..... Street or Rural  
Address ..... Lot ..... Subdivision .....  
DWELLING Existing ..... Year Constructed ..... Proposed Construction.....  
LOT SIZE .....feet by ..... feet. NUMBER OF: Bedrooms .....  
DOES HOUSE HAVE BASEMENT? ..... DISTANCE TO NEAREST CITY SEWER ..... Feet .....  
DISTANCE TO NEAREST CITY WATER MAIN ..... Feet .....

WATER SUPPLY

(Show details of water supply in sketch on Page 3)

EXISTING WELL ..... PROPOSED WELL ..... PUBLIC WATER SUPPLY .....

TYPE OF WELL

Drilled ..... Driven ..... Depth of Well ..... feet

CONSTRUCTION OF DRILLED AND DRIVEN WELLS

Diameter of outer casing ..... Inches, Depth of casing ..... Feet, Diameter drop pipe .....  
.....Inches, Depth to water level .....feet. Is opening between drop pipe and outer casing sealed  
with a sanitary split ring well seal ..... If not describe how opening is sealed .....  
Horizontal well pipe cased .....

LOCATION OF PUMPING EQUIPMENT

Is pump located in basement ....., in basement offset ....., in utility room ....., in crawl space beneath  
floor ....., in above-ground pump house ....., in well (Submersible) .....  
If Dug Well or Cistern is used Attach Sheet Showing Construction Details (See Bulletin S.E.-7)

SEWAGE DISPOSAL FACILITIES

SEPTIC TANK: Locate on sketch (page 3). Date built, installed, or to be installed .....  
Working capacity (liquid capacity) .....gallons. Depth of tank below ground surface .....inches.  
Are openings provided for cleaning septic tank? ..... If commercial tank, give name of manufacturer  
..... Will garbage grinder be used? ..... Where does kitchen sink  
drainage discharge? ..... Where does basement and laundry waste  
discharge? .....

SECONDARY DISPOSAL: (Is construction completed or proposed?) .....

- (1) ABSORPTION FIELD: Total length of tile .....feet. Width of absorption trenches  
..... inches. Is tile laid in natural earth or graded gravel trench? .....
- (2) SEEPAGE PIT Diameter .....feet. Depth ..... feet. Does seepage pit  
penetrate the underground water? ..... Does seepage pit have an overflow? .....  
If so, where does overflow discharge ..... Type of soil in which pit is  
constructed ..... If Seepage Pit is used Attach Sheet Showing  
Construction Details (See Bulletin S.E.-8)

## CROSS SECTION OF WELL

---

(Draw cross section of well and pumping system in space below)

## LAYOUT SKETCH

---

(Make layout sketch as large as possible in space below)

## PERCOLATION TEST DIRECTIONS

1. Dig or bore holes with horizontal dimensions of from 4 to 12 inches and vertical sides to the estimated depth of the bottom of the proposed absorption trench. On level ground this depth is usually about 30 inches. The holes can be bored with a 4-inch auger.
2. Scratch the bottom and sides of the hole with a knife blade or sharp pointed instrument. Remove all loose soil from the hole. Place about 2 inches of coarse sand or fine gravel in the bottom of the hole.
3. Carefully fill the hole with clear water. By refilling if necessary keep some water in the hole for at least 12 hours.
4. After the 12 hour saturation period allow the hole to empty. Remove that portion of the sand or gravel which has become coated with soil particles.
5. Pour about 12" of water into the hole and wait until about 6" of this water remains.
6. With about 6" of water remaining in the hole establish a reference point such as a nail stuck in the side near the top of the hole. From this point obtain a measurement and the exact time.
7. Allow the water to seep away completely. Again record the exact time and compute the distance the water has dropped.
8. Convert the time interval to minutes and divide this figure by the number of inches of water which has seeped away to obtain the average time for one inch of water to seep away.
9. Determine from Table below the square feet of trench bottom area needed for each bedroom.
10. Multiply the square feet of trench bottom absorption area needed for each bedroom by the number of bedrooms in the house to get the total trench bottom area needed.

PERCOLATION TEST Information required for each individual case where an absorption field or seepage pit is to be used to dispose of the septic tank effluent. Depth of test hole ..... inches, Diameter of test hole ..... inches. Total time for 6 inches of water in test hole to seep away ..... minutes.

TYPE OF SOIL: Clay ..... Loam ..... Sand ..... Gravel ..... Other ..... Was the natural ground water level at the time of the test below the bottom of the test hole? ..... Does surface water ever pond or stand on ground surface in the area where absorption field is located? .....

### DATA FOR DETERMINING SQUARE FEET OF ABSORPTION AREA NEEDED PER BEDROOM (MINIMUM OF 200 SQUARE FEET OF ABSORPTION AREA FOR EACH DWELLING)

Average time in minutes  
for water to fall one inch

Effective absorption area in  
square feet needed in trench  
bottom per bedroom

2 minutes or less per inch .....	85 square feet per bedroom
3 minutes per inch .....	100 square feet per bedroom
4 minutes per inch .....	115 square feet per bedroom
5 minutes per inch .....	125 square feet per bedroom
10 minutes per inch .....	165 square feet per bedroom
15 minutes per inch .....	190 square feet per bedroom
30 minutes per inch .....	250 square feet per bedroom
60 minutes per inch .....	330 square feet per bedroom

The following statement should be signed by a registered engineer or architect, or by the contractor. If signed by the contractor the statement must be notarized.

I hereby certify that the percolation test information was obtained by the procedure outlined above.

IF CONSTRUCTION HAS NOT STARTED, SIGN BELOW:

I hereby certify that, to the best of my knowledge, the above information is correct and that the water supply and sewerage facilities for this residence will be installed strictly as outlined in this report.

SIGNED: \_\_\_\_\_

(Mortgager or Contractor)

IF SANITARY FACILITIES HAVE ALREADY BEEN COMPLETED, SIGN BELOW AND HAVE APPLICATION NOTARIZED,

SIGNED: \_\_\_\_\_

(Mortgager or Contractor)

NOTARY SEAL

---

#### HEALTH DEPARTMENT APPROVAL

The water supply and/or sewage disposal facilities as described in this application are in conformance with all local requirements and are considered to be satisfactory.

SIGNED: \_\_\_\_\_

(Health Officer or Representative)

The water supply and sewage disposal facilities as described in this application are not in conformance with all local requirements and are considered to be unsatisfactory. See back of this page for recommendations referred to below by number.

(When corrections have been made the application may be re-submitted.)

SIGNED: \_\_\_\_\_

(Health Officer or Representative)

# RECOMMENDATIONS

1. That the source of water be from a water-bearing stratum at least 20 feet below the natural ground surface.
2. That a double tubular well be used with the casing large enough to permit entrance of the drop pipe and attachments for conveying water to the surface.
3. That the pump base and the top of the well casing be not less than 12 inches above the bottom of the floor line, or not less than 18 inches above the basement floor on basement offset pump installations.
4. That if the surface of the finished grade beneath the floor is at a lower elevation than the surface of the finished grade at the outside edge of the foundation wall, the crawl space beneath the floor shall be adequately drained to the ground surface.
5. That if the pump is housed in the crawl space beneath the floor, the pump shall be set on a solid base with the base of the pump at or above the elevation of the finished crawl space grade.
6. That a water-tight seal be provided in the annular opening between the drop pipe and the casing of the well. This may be done with a sanitary well seal or a threaded connection.
7. Water supplies shall have all that part of the suction pipe, drop pipe, or delivery pipe not normally under constant pressure and located within ten feet of the ground surface surrounded by a water-tight casing pipe.
8. That no sewer be located within 10 feet of the well and/or underground pump suction lines.
9. That all buried sewers and drains within 50 feet of the well and underground pump suction lines (excepting downspout drains) be constructed of extra-heavy cast iron soil pipe with leaded and caulked joints. This includes sink and floor drains within the 50 feet distance.
10. All basement sumps shall be water-tight.
11. That the liquid wastes from all baths, sinks, lavatories, laundry tubs, laundry machines, water closets, garbage grinders, floor drains and similar fixtures be discharged directly to the septic tank. (Do not discharge roof drains or foundation drains into the sewage disposal system.)
12. That the septic tank capacity be determined as follows:

Number of Bedrooms	Minimum Liquid Capacity
2 or less	750
3	900
4	1100
5	1250

13. That if a commercially manufactured septic tank is used that it be on the acceptable list for use on FHA or VA projects.
14. That a septic tank constructed on the site be designed in strict accordance with the standards contained in Bulletin S.E. 8.
15. That the septic tank be located at least 50 feet from any well and/or underground pump suction lines.
16. That a distribution box be provided at the head of the absorption field. Each absorption line should be connected individually to the box and should not be subdivided.
17. That a minimum effective absorption area of 200 square feet of trench bottom area consisting of at least 2 trenches, be provided. Each absorption line should be as near the same length as possible.
18. That the absorption trenches be at least 18 inches wide.
19. That the septic tank effluent be discharged to an adequate underground absorption field and that the effective area of the absorption field be determined from a percolation test according to the recommendations of the Indiana State Board of Health Bulletin S.E. 8. That the effective area of the absorption field be determined from the percolation test as follows:

Average time - 2 minutes per inch.....	85 sq. ft. per bedroom	- ABSORPTION BED
" 3 " " " " .....	100 " " " "	
" 4 " " " " .....	115 " " " "	
" 5 " " " " .....	125 " " " "	
" 10 " " " " .....	165 " " " "	
" 15 " " " " .....	190 " " " "	= 15' PER INCH
" 30 " " " " .....	250 " " " "	
" 60 " " " " .....	330 " " " "	
" Over 60 " " " " .....	Unsuitable for absorption field	

20. That crushed stone or gravel 1/2 inch to 2-1/2 inches in size be placed around the tile so that there is a minimum of 6 inches under, and 2 inches over, the tile.
21. That a minimum of 4 feet of porous formation be provided for each seepage pit installation.
23. That the seepage pit be constructed according to the recommendations of Indiana State Board of Health Bulletin S.E. 8 and that the required absorptive wall area be based on the following:
  - a. coarse sand or gravel.....50 square feet per bedroom
  - b. fine sand.....70 square feet per bedroom
  - c. sandy loam or sandy clay.....125 square feet per bedroom
  - d. clay with considerable gravel or sand.....200 square feet per bedroom
  - e. clay with small amount of gravel or sand...400 square feet per bedroom
  - f. heavy tight clay, hard pan, rock or other impervious material.....Unsuitable

John C. Brown

It being the intention of the lessors to cover and include in this lease all the lands that they own in the above section, township and range whether the same be correctly described by the above description.





PIONEER OIL CO. Copy 1

INDIANA  
DEPARTMENT OF CONSERVATION  
DIVISION OF OIL AND GAS  
415 STATE LIBRARY BLDG.  
INDIANAPOLIS, IND.

DO NOT WRITE IN THIS SPACE

PERMIT NO. \_\_\_\_\_

DATE ISSUED \_\_\_\_\_

BY \_\_\_\_\_

REMARKS \_\_\_\_\_

APPLICATION FOR PERMIT TO DRILL OR DEEPEN AN OIL,  
GAS OR TEST WELL

\_\_\_\_\_, Indiana, August 23, 1951

Lessor (farm owner) \_\_\_\_\_

Address \_\_\_\_\_

Lessee (operator) \_\_\_\_\_

Permanent address \_\_\_\_\_

(Include street, and number)

(Hotel addresses are not acceptable)

LOCATION OF WELL

Pool (name) \_\_\_\_\_ or Wildcat \_\_\_\_\_ Well designation and No. \_\_\_\_\_

County MONROE Civil Township POLK

\_\_\_\_\_ 250 feet from North line \_\_\_\_\_ 330 feet from East line

of the SW  $\frac{1}{4}$  of the NW  $\frac{1}{4}$  of the NW  $\frac{1}{4}$  of Section 15 Township 7N Range R1E

No. feet from nearest producing well \_\_\_\_\_ Number of acres allotted to well \_\_\_\_\_

Number of acres in lease \_\_\_\_\_ Type of well \_\_\_\_\_

(Indicate whether for oil, gas, structure test, salt water disposal, gas or water input well.)

Cable or rotary tools \_\_\_\_\_ Is this a communitized drilling unit? \_\_\_\_\_

Probable depth of completed well \_\_\_\_\_ Date drilling is expected to start \_\_\_\_\_

Name of the geological formation in which production is expected \_\_\_\_\_

Is or will applicant be sole owner of well? \_\_\_\_\_

Is applicant a partnership, firm, or corporation? \_\_\_\_\_

If a corporation, is this operation authorized by your charter? \_\_\_\_\_

Is an assumed business name used? \_\_\_\_\_ If so, is such name registered as it is required by law, and in what county? \_\_\_\_\_

Is applicant acquainted with the Indiana Laws, the Rules, Regulations and Orders of the Department relative to oil and gas operations? \_\_\_\_\_

Name of Surety Bond Agency \_\_\_\_\_ Type of bond \$1,000 \_\_\_\_\_ \$5,000 \_\_\_\_\_

Is the applicant at this time in violation of any requirements? \_\_\_\_\_

Is well located over an active mine, mined out area or where coal rights have been taken? \_\_\_\_\_

Send Permit to \_\_\_\_\_ Address \_\_\_\_\_

Name of Contractor \_\_\_\_\_ Address \_\_\_\_\_

The undersigned hereby swears (or affirms) the foregoing facts in this application are true as therein set forth.

Dated this \_\_\_\_\_ day of \_\_\_\_\_, A.D. 19 \_\_\_\_\_

1. Accompany application with fee of \$25.00. ....

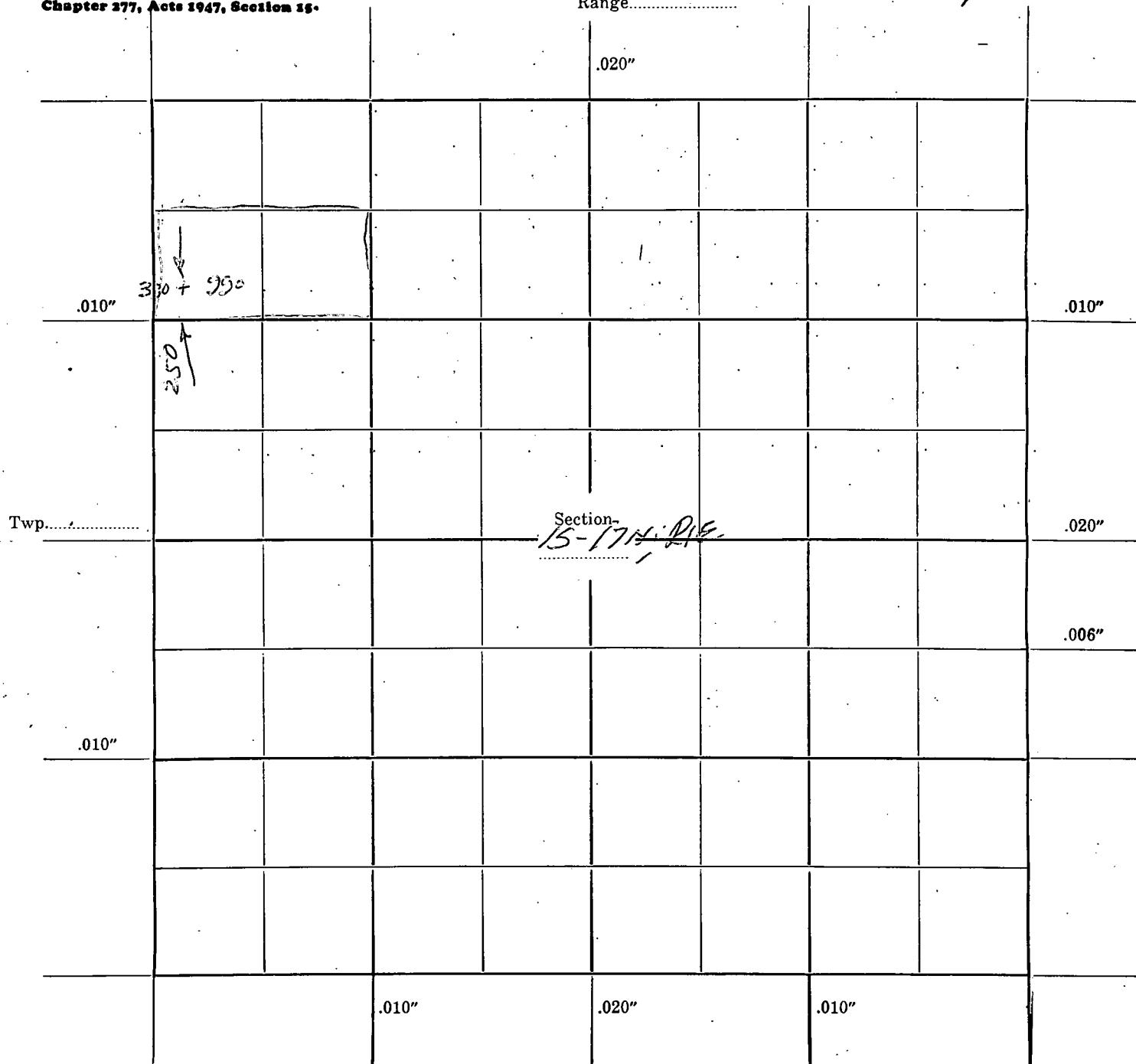
2. Copy of communization agreement. ....

3. Notify Commission of transfer of ownership. ....

Signature of Applicant

OUTLINE LEASED AREA ON PLAT, outline the area designated to the well and spot well location; location and number of all older wells, dry, abandoned or producing. Is proposed location within the limits of an incorporated city, village, town or state property?

Elevation of surface at well is 380 ft. (Drilling Units, See Rule 22.) Method of determining elevation Spot Contour Maps,  
Chapter 277, Acts 1947, Section 15. Range.....



Scale of 6" equals 1 mile; smallest squares are 660' x 660', and contains 10 acres

I hereby certify that to the best of my knowledge and belief the proposed location of the above described well, fixed as the result of an instrument survey made by me in compliance with the requirements of the laws of Indiana, is truly and correctly set forth hereon.

Seal  
(Sec. 16, Registration Act)

(Signature of Registered Engineer or Land Surveyor)

(Give Indiana Registration Number or Date of Commission Approval)

(Address)

(Additional information)

(See reverse side)



Revised  
9-6-49

copy

INDIANA  
DEPARTMENT OF CONSERVATION  
DIVISION OF OIL AND GAS  
415 STATE LIBRARY BLDG.  
INDIANAPOLIS, IND.

DO NOT WRITE IN THIS SPACE

PERMIT NO. \_\_\_\_\_

DATE ISSUED \_\_\_\_\_

BY \_\_\_\_\_

REMARKS \_\_\_\_\_

APPLICATION FOR PERMIT TO DRILL OR DEEPEN AN OIL,  
GAS OR TEST WELL

..... **Bloomington** ....., Indiana, ..... **February 12,** 19 **51**  
Lessor (farm owner)..... **Joe Solomito** .....  
Address..... **413 W. First St. - Bloomington, Indiana.** .....  
Lessee (operator)..... **Joe Solomito** .....  
Permanent address..... **413 W. First St. - Bloomington, Indiana.** .....  
(Include street and number) (Note addresses are not acceptable)

LOCATION OF WELL

Pool (name)..... or Wildcat..... **Yes** ..... Well designation and No..... **1** .....  
County..... **Monroe** ..... Civil Township..... **Benton** .....  
..... **1650** ..... feet from North line..... **1100** ..... feet from East line  
of the.....  $\frac{1}{4}$  of the.....  $\frac{1}{4}$  of the..... **N.W.** ..... **Fractional** ..... Township..... **9 N** ..... Range..... **1 E** .....  
No. feet from nearest producing well..... Number of acres allotted to well.....  
Number of acres in lease..... **107, more or less** ..... Type of well..... **Oil, Gas and Structure Test** .....  
(Indicate whether for oil, gas, structure test, salt water disposal, gas or water input well.)

Cable or rotary tools..... **Cable** ..... Is this a communized drilling unit?..... **No** .....  
Probable depth of completed well..... **Est. 1000 ft.** ..... Date drilling is expected to start..... **2-16-51** .....  
Name of the geological formation in which production is expected..... **Devonium** .....  
Is or will applicant be sole owner of well?..... **Yes** .....  
Is applicant a partnership, firm, or corporation?..... **Individual** .....  
If a corporation, is this operation authorized by your charter?.....  
Is an assumed business name used?..... **No** ..... If so, is such name registered as it is required by law, and in what county?.....  
Is applicant acquainted with the Indiana Laws, the Rules, Regulations and Orders of the Department relative to oil and gas operations?  
..... **Yes** .....

Name of Surety Bond Agency..... Type of bond \$1,000..... \$5,000.....  
Is the applicant at this time in violation of any requirements?..... **No** .....  
Is well located over an active mine, mined out area or where coal rights have been taken?..... **No** .....  
Send Permit to..... **Joe Solomito** ..... Address..... **413 W. First St. Bloomington, Ind.** .....  
Name of Contractor..... **Russel Sapp** ..... Address..... **Marshall, Ill.** .....

The undersigned hereby swears (or affirms) the foregoing facts in this application are true as therein set forth.

Dated this..... **12th** ..... day of..... **February** ....., A.D. 19 **51** .....

1. Accompany application with fee of \$25.00.
2. Copy of communization agreement.
3. Notify Commission of transfer of ownership.

Signature of Applicant

(Over)

Govt. Elev. Carried to site

## Range



INDIANA  
DEPARTMENT OF CONSERVATION  
DIVISION OF OIL AND GAS  
415 STATE LIBRARY BLDG.  
INDIANAPOLIS, IND.

DO NOT WRITE IN THIS SPACE

PERMIT NO. \_\_\_\_\_

DATE ISSUED \_\_\_\_\_

BY \_\_\_\_\_

REMARKS \_\_\_\_\_

APPLICATION FOR PERMIT TO DRILL OR DEEPEN AN OIL,  
GAS OR TEST WELL

Bloomington, Indiana, February 12, 1951  
Lessor (farm owner) Joe Solomito  
Address 413 W. First St. Bloomington, Ind.  
Lessee (operator) Joe Solomito  
Permanent address 413 W. First St. Bloomington, Ind.  
(Include street and number) (Hotel addresses are not acceptable)

LOCATION OF WELL

Pool (name) \_\_\_\_\_ or Wildcat yes Well designation and No. 1  
County Monroe Civil Township Benton

\_\_\_\_\_ feet from North line \_\_\_\_\_ feet from East line  
\_\_\_\_\_ of the \_\_\_\_\_ 1/4 of the \_\_\_\_\_ 1/4 of the NW 1/4 of Section 6 Township 9 N Range 1 East

No. feet from nearest producing well \_\_\_\_\_ Number of acres allotted to well \_\_\_\_\_

Number of acres in lease 187 Type of well Oil, Gas and Structure Test  
(Indicate whether for oil, gas, structure test, salt water disposal, gas or water input well.)

Cable or rotary tools Cable Is this a communized drilling unit? No

Probable depth of completed well Est. 1000 ft. Date drilling is expected to start 2-16-51

Name of the geological formation in which production is expected Devoniam

Is or will applicant be sole owner of well? Yes

Is applicant a partnership, firm, or corporation? Individual

If a corporation, is this operation authorized by your charter? \_\_\_\_\_

Is an assumed business name used? No If so, is such name registered as it is required by law, and in what county? \_\_\_\_\_

Is applicant acquainted with the Indiana Laws, the Rules, Regulations and Orders of the Department relative to oil and gas operations? Yes

Name of Surety Bond Agency \_\_\_\_\_ Type of bond \$1,000 \_\_\_\_\_ \$5,000 \_\_\_\_\_

Is the applicant at this time in violation of any requirements? No

Is well located over an active mine, mined out area or where coal rights have been taken? No

Send Permit to Joe Solomito Address 413 W First St. Bloomington, Ind.

Name of Contractor Russel Sapp Address Marshall, Ill.

The undersigned hereby swears (or affirms) the foregoing facts in this application are true as therein set forth.

Dated this 12<sup>th</sup> day of February, A.D. 19 51

1. Accompany application with fee of \$25.00.
2. Copy of communization agreement.
3. Notify Commission of transfer of ownership.

(Over)

Signature of Applicant

Elevation of surface at well is \_\_\_\_\_ ft. Method of determining elevation \_\_\_\_\_  
 Chapter 277, Acts 1947, Section 15. Range \_\_\_\_\_

Range.....

Twp.....

I hereby certify that to the best of my knowledge and belief the proposed location of the above described well, fixed as the result of an instrument survey made by me in compliance with the requirements of the laws of Indiana, is truly and correctly set forth hereon.

(Additional information).....

(See reverse side)

$\angle 095^\circ$

$$\begin{array}{r} 39.28 \\ 66 \\ \hline 23568 \\ 23568 \\ \hline 2592.48 \\ 2 \approx 129624 \end{array}$$

$$\begin{array}{r} 0 \\ 6 \\ 6 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \end{array}$$

$$\begin{array}{r} 76.30 \\ 66 \\ \hline 45780 \\ 45780 \\ \hline 503580 \end{array}$$

$$\begin{array}{r} 1100 \\ 2100 \\ 1760 \\ \hline 340 \end{array} \quad \begin{array}{r} 2200 \\ 1760 \\ \hline 440 \end{array}$$

$$\begin{array}{r} 54.00 \\ 17.70 \\ \hline 36.30 \end{array}$$

$$\begin{array}{r} 22.30 \\ 54.00 \\ \hline 76.30 = 5035.80 \end{array}$$

$$\begin{array}{r} 22.30 \\ 17.70 \\ \hline 40.00 \end{array}$$

$$\begin{array}{r} 670 \\ 650 \\ 330 \\ \hline 1650 \end{array}$$

$$\begin{array}{r} 2300 \\ 2600 \\ \hline 24500 \\ 2450 \\ 2300 \\ \hline 24750 \\ 2375 \end{array}$$

$$\begin{array}{r} 36.30 \\ 66 \\ \hline 21780 \\ 21780 \\ \hline 235580 \end{array}$$

$$\begin{array}{r} 2600 \\ 2100 \\ \hline 20700 \\ 2350 \\ 2100 \\ \hline 20450 \\ 2225 \end{array}$$

$$\begin{array}{r} 67.78 \\ 66 \\ \hline 40668 \\ 40668 \\ \hline 447348 \\ 2395 \\ \hline 2078.48 \end{array}$$

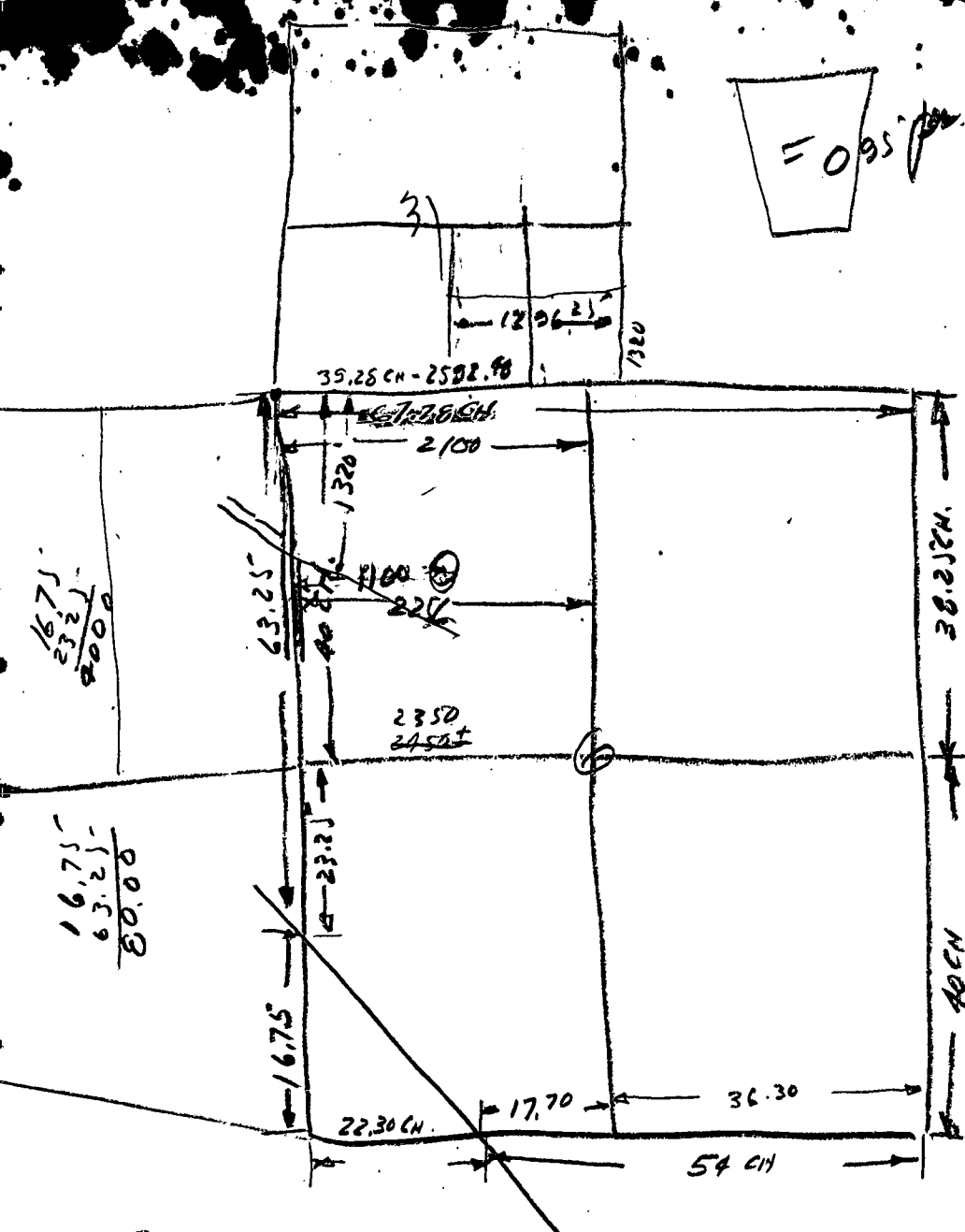
Drum Road

$$\begin{array}{r} 670 \\ 330 \\ \hline 1000 \end{array}$$

10 00 FT. + EAST 1100

$$\begin{array}{r} 94 \\ 660 \\ 630 \\ \hline 1290 \end{array}$$

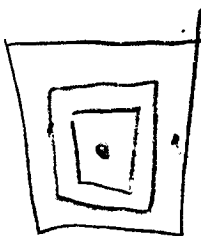
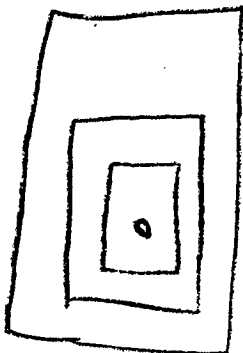
$$\begin{array}{r} 1320 \\ 650 \\ \hline 670 \end{array}$$





{ Farm name & Address  
Operation

GOVT. ELEV. - MUST. ACT. OF G. A. 1947



10 a CYPRESS - 10 ACRES  
Salem - 20 acres

330 ft from P.L.  
to 60' for any protection  
660'

out line lease  
# acres allotted to well  
type of well - CYP + Salem  
Oil & Well

Wildcat or Pool

Bond & Power & Other

WASH.

W

NW

31

505

To Log

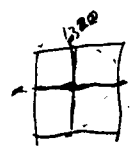
B...

H.W. 18  
F. 11-16

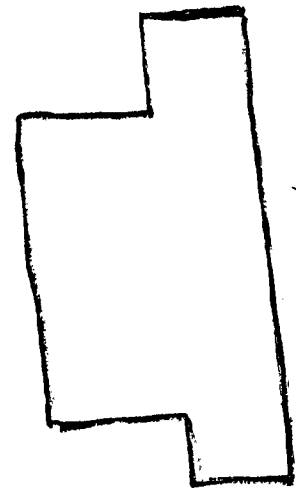
NE  
SW

W

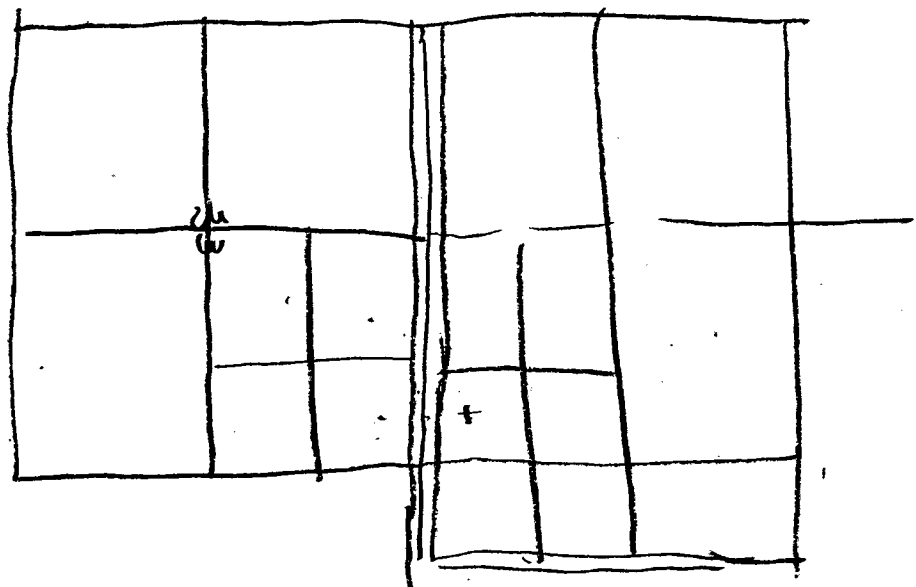
B...



660  
356000  
27  
1088000  
792000  
9008000



Air PHOTO



LAW OFFICES  
HARRY F. ZAKLAN  
1202 MORRIS PLAN BUILDING  
INDIANAPOLIS 4, INDIANA  
PHONE - MARKET 9680

Oct. 8, '51

Mr. John T. Stapleton  
County Surveyor  
Bloomington, Ind.

Dear Mr. Stapleton

Mr. Wm. C. Daykin has asked that  
I forward this application to you.

Apparently the Oil & Gas Division  
want some more information.

I would appreciate your adding the  
information & sending it back to me.

Thanks

Harry F. Zaklan

/ WOULD SUGGEST THAT SAID SITE BE MOVED  
NORTH FROM 270 FT. SITE TO A POINT 330 FT.  
NORTH OF THE SOUTH LINE, AND THEN 20 ACRES  
CAN BE ALLOTTED TO THE PROPOSED WELL, & YET  
STAY WITHIN THE SAID SE-SE 1/4 SEC. 20.

John T. Stapleton

NOTICE

- ☒ 1. Outline leased area.
- ☒ 2. Outline area designated to proposed well location or drilling unit -- ~~20 acres or  $\frac{1}{4}$  quarter-quarter section for limestone horizons~~ and 10 acres or quarter-quarter-quarter sections for sandstone horizons, to be based upon the Public Land Survey System (Rule 22).
- ☒ 3. Spot proposed well location and give the well number or other designation.
- ☐ 4. Spot and designate by number or name all other wells, dry, abandoned or producing within at least 2640 feet of proposed well location and give the exact distance between each well. Indicate the producing horizon and depth of each well.
- ☐ 5. The drilling unit, if composed of more than one property owner, then interests shall be communized. An executed copy of the communization agreement shall accompany application and survey plat shall show each interest in the drilling unit.
- ☒ 6. The seal of the engineer or surveyor shall be affixed to plat.
- ☒ 7. Give the Township, Range, and Section numbers.
- ☒ 8. Give the two nearest boundary line distances from well location. GIVE
- ☐ 9. The section contains more than required acreage, see Rule 22 for additional drilling units. Any irregularity in drilling unit should be taken up with operator prior to submission of application.
- ☐ 10. The survey shall be certified to by an Indiana registered engineer or land surveyor or one approved by the Commission.
- ☐ 11. It is advisable to use the following symbols for uniformity and to use ink and ruler for neatness:

location

dry hole

drilling well

abandoned oil well

oil well

abandoned gas well

gas well

lease hook

land hook

*Perase Perase*

## RULES AND REGULATIONS AFFECTING OIL AND GAS OPERATIONS IN INDIANA

Pursuant to Chapter 277, Acts of 1947 of Indiana General Assembly, the members of the Indiana Department of Conservation, charged with the administration of the law, approved the following proposed General Rules and Regulations and ordered them promulgated and put into effect. The words "Commission" or "Department" used in these rules and regulations mean the Indiana Department of Conservation.

### APPLICATIONS AND PERMITS

1. No person, firm, corporation or his or its representative or employee shall begin sinking or start drilling any well for oil or gas purposes in this state until such person, firm, corporation or his or its representative first shall have filed with the Commission a written application, and first shall have received a written permit from the Commission to begin sinking or to start drilling or to drill such well, except that in emergencies, the Oil and Gas Supervisor may in his discretion authorize the commencement of the drilling of a well following the receipt of an application but prior to the time the permittee has received the written permit when it appears from the application that all requisites qualifying the applicant for a permit are present. Each permit shall expire one year after the date the permit is issued unless acted upon prior thereto. This rule requiring permits shall apply with equal force to wells for secondary recovery, unput wells, and to wells for the disposal of salt water, brine, or oil field waste, provided that no drilling permit fee shall be required for such wells, but the plugging permit fee shall be required therefor. Wherever applicable the words "drilling a well" or "to drill a well", when used in these rules shall be interpreted to include "deepening a well" or "to deepen a well", as the case may be.

2. No person shall commence drilling operations on a well for which a permit is required by law and these rules until the permit has been issued by the Commission and the original or a copy thereof posted at the well site, except as provided in Rule No. 1.

3. All applications for permits shall be signed by the owner or operator, or by a person authorized to sign therefor. Upon the request of the Commission, persons signing as agents or as officers of corporations or associations, shall furnish satisfactory evidence of their authority.

### REQUIREMENTS FOR A PERMIT

4. The application shall contain the following information:

(a) The number or other designation by which the proposed well shall be known, which number or designation shall not be changed after the application has been filed, without the written consent of the Commission.

(b) The location of the proposed oil or gas well, giving the quarter-quarter section, township, and range and the lot number and the block of the recorded plat if the land is platted, the three nearest boundary lines of the tract, and the distance in two directions from a

corner of the tract of land upon which the well is to be drilled and from the nearest quarter post or lot corner. The survey showing the location shall be certified by a registered engineer or by a surveyor approved by the Commission.

(c) The name of the farm or property (or the name of the owner thereof) on which the well is to be drilled, together with the name of the first lessor or all lessors in the lease under which the operator purposes to drill, with the recording date of said lease, if recorded.

(d) The name and address of the oil and gas lessee.

(e) The name and address of the drilling contractor if one has been selected. If none has been selected at the time of the application, then this information shall be supplied when the contract is let.

(f) The date that actual drilling or deepening is proposed to start.

(g) The intended depth of the well and name of sand or limestone in which production is expected.

(h) The number of acres in the lease.

5. The applicant shall remit to the Commission with the application, a fee of \$25.00 in cash or by check or draft payable to the Indiana Department of Conservation, except that no such fee shall be required for permits to drill wells for secondary recovery, input wells, or wells for the disposal of salt water, brine, or oil field waste.

6. Every applicant for any permit to drill a well for oil or gas purposes shall execute and file with the Commission a bond not exceeding One Thousand Dollars for each well to be drilled, or a blanket bond not exceeding Five Thousand Dollars for all wells drilled or to be drilled by the applicant during the duration of the bond, on the form approved by the Commission with surety or sureties thereon to be approved by the Commission. The bond shall be conditioned upon full compliance with the provisions of Chapter 277, Acts of 1947, Indiana General Assembly, all amendments thereto, and all valid rules, regulations, and orders issued thereunder by the Commission. The bond shall be further conditioned upon the compliance with all rules and regulations regarding plugging of all wells, including wells for secondary recovery, input wells, wells for the disposal of salt waters, brine, or oil field waste, and wells completed as dry or nonproductive wells, the filling in of all excavations, the removal of all concrete bases, discarded machinery and material, and for the restoration of the surface as nearly as possible to its condition prior to the drilling of such well. The duration of the bond shall be from the time the application is filed with the Commission until the time the Commission, upon being satisfied that the owner or operator has plugged and abandoned the well in accordance with law and the rules and regulations of the Commission, releases the bond. The bond shall cover the deepening of any well in the same way that it covers an original drilling. A blanket bond shall cover the plugging of all wells for which no drilling permit fee has been paid.

### CHANGE OF LOCATION

7. When a permit has been issued, the location of the well authorized therein shall not be changed without the consent of the Commission.

### TRANSFER OF PERMITS

8. No person to whom a permit has been issued shall transfer the permit to any other location without the consent of the Commission; nor shall a permit be transferred to another without the transferee having first filed a bond acceptable to the Commission.

### WELL LOGS

9. Every permittee shall, while the well is being drilled or deepened keep and preserve an accurate log or record of such well; and shall within thirty days after the completion of any well file with the commission a true copy of such log. Such log shall show:

(1) The name, location, and elevation above sea level of the well in accordance with the description required by the Commission in the application for a permit to drill such well.

(2) The name, character, and the thickness of the formation encountered in the drilling of such wells and the thickness of strata bearing oil, gas, or water.

(3) The position and thickness of coal beds and deposits of minerals of economic value.

(4) The kind of well whether it is dry or productive of oil or gas, and, if productive, the initial production before and after shooting or acidizing.

(5) The depth of any fresh water horizon known to be encountered and such information as is available as to the volume of fresh water.

(6) The altitude of the point from which the depth measurements are made, stating its height above ground level at the well. All records, logs, samples, and other information and material furnished to the Commission shall be considered confidential, upon request of permittee, for a period of not less than 6 months after completion of the well, and shall not be open to the public inspection during such period.

### SAMPLES OF DRILL CUTTINGS

10. When the Commission notifies the person or persons to whom any permit is issued, at the time of the issuance thereof, to collect for the Commission, drill cuttings representing each run drilled in cable tool wells and each 10 feet of distance drilled in rotary wells, and provide core samples when cores are taken, such cuttings shall be furnished to the representative of the Commission at the well or at some convenient place designated by him. In all other cases cuttings are not required.



## SLUSH AND MUD PITS

11. When drilling with cable tools, the operator shall provide at least one properly prepared slush pit, into which he must deposit mud and cuttings. When drilling with rotary tools, the operator shall provide the necessary mud circulation and reserve pits.

## LOCATION AND SPACING OF WELLS

12. Location and spacing of wells shall be in accordance with the following:

(a) The minimum drilling unit for limestone production shall be 20 acres, unless otherwise specified by the Commission. No well for limestone production shall be located less than 330 feet from any lease line, property line, or subdivision which separates un-consolidated property interest and 660 feet from any drilling or well capable of production. (See Rule 22 (b), effective August 31, 1949)

(b) The minimum unit for sandstone production shall be 10 acres, unless otherwise specified by the Commission. No well for sandstone production shall be located less than 330 feet from any lease line, property line, or subdivision which separates un-consolidated property interest, and 660 feet from any drilling or well capable of production. (See Rule 22 (a), effective August 31, 1949.)

(c) Should 5 acre spacing be established, no well shall be located less than 165 feet from any lease line, property line, or subdivision which separates un-consolidated property interest, and 330 feet from any drilling or well capable of production.

(d) The Old Trenton limestone producing area, consisting of the following counties: Howard, Grant, Blackford, Wells, Jay, Adams, Delaware, Madison, Randolph, Tipton, Hamilton, Henry, Hancock, Fayette, Rush, Shelby, and Decatur, is hereby declared to be an exception to the above rule and it is hereby ordered that the minimum drilling unit for such area is 5 acres. (Amended by Rule 21, effective August 31, 1949; See also Rule 22 (c), effective August 31, 1949.)

(e) When geological and pool conditions justify, smaller drilling units may be approved and staggered locations at lesser distances may be permitted in the discretion of the Commission.

(f) Exceptions to the general spacing rules herein established or to the special rules and orders hereafter to be promulgated by the Commission establishing spacing and/or drilling units for particular fields or pools, shall be made only upon notice and hearing. Such hearing shall be at the time and place designated by the Commission in its notice. Such notice shall be by publication or by mail or both and in such manner as shall be reasonably calculated by the Commission in its discretion to give notice to all interested parties of the time, place, and purpose of the hearing, and shall conform to all statutory requirements. Any meeting of the Commission held for the purpose of such hearing may be continued to a later time and other place without the necessity of a new notice. Any person desiring the Commission to make a special rule or an exception to any general spacing rule herein established or to the general rule or

special rules and orders hereafter to be promulgated by the Commission establishing spacing and/or drilling units for particular fields or pools, shall file a verified petition with the Commission setting forth the desired rule or exception, the reason therefor, and giving in detail the action the petitioner has taken in the matter. Nothing herein shall prevent the Commission itself from initiating the hearing provided for herein. In case of emergency a temporary rule or order may be made by the Commission to be effective only until notice may be given and hearing had as herein provided.

(g) The above rules in this paragraph are subject to the following modification: In order to avoid locating a well in a ditch, stream, or other impracticable location, the Oil and Gas Supervisor, upon receipt of a request accompanied of such proof of necessity as he shall deem proper, is authorized to allow a variation in the location of any well of not more than thirty (30) feet from the location shown in the survey or plat in the application for the permit.

#### PLUGGING WELLS

13. (a) The plugging of all wells shall be made in accordance with the provisions of Section 22, Chapter 277, Acts of 1947, Indiana General Assembly.

(b) In plugging and permanently abandoning and plugging a well, an owner or operator shall fill all excavations, remove concrete bases, discarded machinery and material and restore the surface as nearly as possible to the condition it was in prior to the drilling of the well.

14. The use of bridges in plugging wells is prohibited except when specifically authorized by the Oil and Gas Supervisor.

15. Permanent plugbacks are subject to regulations of the Commission.

16. There shall be a plugging fee of \$20.00 payable to the Indiana Department of Conservation for wells upon which no drilling permit fee has been paid.

17. Every applicant for a permit to plug and abandon a well shall execute and file with the Commission a bond not exceeding One Thousand Dollars for each well to be plugged and abandoned on the form approved by the Commission and with surety or sureties thereon to be approved by the Commission, conditioned upon full compliance with the provisions of Chapter 277, Acts of 1947, Indiana General Assembly, all amendments thereto; and all valid rules and regulations issued thereunder by the Commission, concerning the plugging of wells, the filling of excavations, the removal of concrete bases and discarded machinery and material and the restoration of the surface. This rule shall apply to wells for secondary recovery, input wells, wells for the disposal of salt water, brine, and other oil field waste, and to wells completed as dry or nonproductive. The duration of the bond shall be from the time of the issuance of the permit to plug until the time the Commission, upon being satisfied that the owner or operator has plugged and abandoned the well in accordance with law and the rules and regulations of the Commission, releases the bond. If the applicant has on file with the Commission either a blanket or individual well bond covering the plugging of the well to be plugged, then this rule shall not apply.

18. The rules governing the method of plugging of oil and gas wells shall apply with equal force to salt water disposal, gas and/or water input wells, and wells used for secondary recovery purposes.

#### DISPOSAL OF SALT WATER AND WASTE LIQUIDS

19. (a) To prevent either surface or underground waste, no person shall dispose of salt water, sulphur bearing water, or other waste liquids except in the following manner, and any other method of disposal is hereby prohibited.

(b) Salt water and waste liquids may be disposed of into an underground formation or strata after a permit has been procured from the Commission. The Commission shall have authority to approve the stratum into which such liquids shall be put and to approve protective work necessary to confine such liquids to the intended stratum, which work shall be executed under the instruction of a representative of the Commission.

(c) Salt water and waste liquids may also be disposed of by evaporation by being impounded in pits, except as otherwise provided, but earthen pits may be used for such purpose only when the pit is underlaid by tight soil such as heavy clay or hardpan. Where the soil under the pit is porous and closely underlaid by a gravel or sand stratum, impounding of salt water or other waste liquids in such earthen pits is hereby prohibited. When such liquids are impounded in earthen pits, they shall be so constructed and maintained as to prevent escape therefrom. The Commission shall have the authority to condemn any pit which does not properly impound such liquids and order the disposal of such liquids into an underground formation as herein provided. The waste liquids in earthen pits shall be kept at least twelve inches below the top of the wall of any earthen pit to prevent the breaking of such wall. All pits shall have continuous walls surrounding them high enough to prevent surface water from running into them.

(d) When salt water or waste liquids are not properly impounded or are improperly disposed of, the Commission may order production discontinued until such improper conditions are corrected as required by the Commission.

(e) Any pipe conveying such liquids to salt water disposal well or pit shall be kept in good repair and free from leaks, and no discharge of salt water shall be permitted between the place or origin and disposal well or pit.

#### SALT WATER DISPOSAL, GAS AND WATER INPUT WELL PERMIT REGULATIONS

20. (a) Any person proposing to use any well now drilled, or any person desiring to drill or deepen a well for the purpose of injecting water, salt water or any other substance into any underground formation or stratum shall apply to the Commission for a permit therefor and furnish the required bond.

(b) The application shall indicate the location of all oil and gas producing wells, drilling wells or abandoned holes, within one-half mile and mines or mined-out areas or the undeveloped limits of a mine within a like distance, together with names and addresses of their owners, the name of the substance to be injected, the depth and formation where the proposed injection

will be made, the log of such input well, if previously drilled, description and character of casing and cementing operations behind the same, and designated all wells in connection with which the proposed input well will be used.

(c) Every person desiring to inject any such substance into an underground formation or stratum shall notify the owner of every oil or gas well, including those drilling or abandoned, and the owner of every mine, including the mined-out and undeveloped limits of any mine within a one-half mile radius, by registered mail on or before the day the application is filed with the Commission, and the proof of such notice shall accompany application. On receipt of application and such proof the Commission shall hold the application for ten days pending the filing of the objections. In the event objection is made within such time or the Commission deems a hearing should be had, notice shall be given to each objector and the applicant of the time and place designated by the Commission for such hearing. If the applicant cannot find the owner or owner of any of the wells or mines and shall show that fact to the Commission by affidavit, setting out the details of the effort he has made to locate such owner or owners, giving the names and addresses of the persons to whom inquiries have been made and the reasons for believing the persons to whom the inquiries were directed were qualified to give reliable information, and detailing the nature of the inquiries made, the Commission may approve the application without notice having been given to such owners who cannot be located.

(d) The Commission shall have authority to deny a permit when, in its judgment, there is danger of waste or when it believes the proposed protective work is not sufficient to confine the substance injected to the intended strata.

(e) Such permit shall be valid and effective only so long as the Commission deems it apparent that the injected substance is being confined to the intended stratum and is not migrating to other stratum or to the surface.

21. Rule 12 (d) of the rules and regulations effective May 9, 1947, is hereby amended to read as follows:

(d) The Old Trenton limestone producing area, consisting of the following counties: Howard, Grant, Blackford, Wells, Jay, Adams, Delaware, Madison, Randolph, Tipton, Hamilton, Henry, Hancock, Fayette, Rush, Shelby, Decatur, Wabash, Huntington, Wayne, Allen, Bartholomew, Marion, Cass, Miami, and Franklin, is hereby declared to be an exception to the above rule and it is hereby ordered that the minimum drilling unit for such area is 5 acres, provided this exception shall apply to production from the Trenton limestone only.

22. DRILLING UNITS. Pursuant to the authority contained in Section 13, Chapter 277, Acts of 1947, the following drilling units are hereby established:

(a) For sandstone production, every quarter-quarter-quarter section, containing 10 acres, more or less, as established by the official U. S. Public Land Survey by the Rectangular Surveying System for the State of Indiana;

(b) For limestone production except in the Old Trenton limestone area, half of a quarter-quarter section, containing 20 acres, more or less, as established by the Official U. S. Public Land Survey by the Rectangular Surveying System for the State of Indiana;

(c) For the Old Trenton limestone area, half of every quarter-quarter-section, containing 5 acres, more or less, as established by the official U. S. Public Land Survey by the Rectangular Surveying System for the State of Indiana;

Provided, however, that in those areas where the U. S. Government has not made an official survey, in the Indian and Military Reservations, in areas covered by the old French Surveys and Grants, in meandered lands, in government lots, and in sub-divisions thereof where the acreage in quarter-quarter sections and quarter-quarter-quarter sections does not conform to the spacing and drilling requirements of the law and the rules and regulations, the drilling units shall be established by the Commission by special rule after giving the notice and hearing provided for in rule 12 (f); and

Provided, further, that the Director of the Department and the Oil and Gas Supervisor shall have the authority without prior submission to the Commission, to grant exceptions for wells varying not more than ten per cent from the acreage, or distances, otherwise required under these rules, when the allowance of such exceptions will not create a greater well density than one well to approximately 20 acres in lime horizons or one well to approximately 10 acres in sand horizons and will not leave isolated tracts not attached to another unit; and

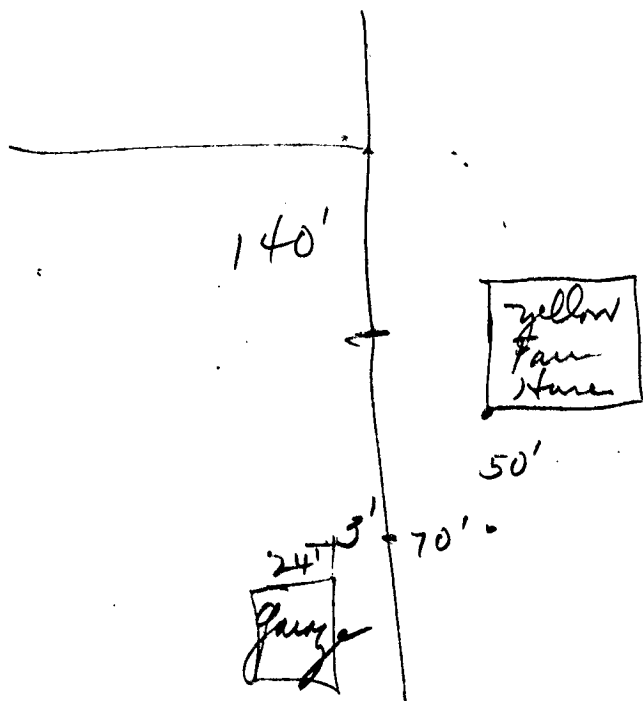
Provided further that in the case of irregular sections containing more than 640 acres, the Director of the Department and Oil and Gas Supervisor shall have the authority without prior submission to the Commission, to allow exceptions or create units other than half quarter-quarter sections in lime and other than quarter-quarter-quarter sections in sand horizons so as to allow approximate units of 20 acres in lime and 10 acres in sand horizons in order to absorb the entire acreage in such sections in units as aforesaid, provided further that in either of the above situations the actions of the Director of the Department and the Supervisor of the Oil and Gas Division shall be subject to the approval of the Commission.

Rules 1 through 20 became effective May 9, 1947.

Rules <sup>21</sup>~~20~~ and <sup>22</sup>~~21~~ became effective August 31, 1949.

Original copies of the rules are on file in the office of the Secretary of State.

3.1 miles NE of Nolan along ridge Road to  
Munonville, in NE  $\frac{1}{4}$  Sec 6, T9N R1E. 140 ft south  
of dim T-rd. S., 50 ft South and 70 ft West from  
S.W. corner of yellow farmhouse, 24 ft North  
and 3 ft East from NE corner of garage, in  
base on N. side of 26 in apple tree; copper nail  
and washer, "US 847.5 BM" painted nearby 847.41





Revised  
9-6-49

INDIANA  
DEPARTMENT OF CONSERVATION  
DIVISION OF OIL AND GAS  
415 STATE LIBRARY BLDG.  
INDIANAPOLIS, IND.

DO NOT WRITE IN THIS SPACE

PERMIT NO. \_\_\_\_\_

DATE ISSUED \_\_\_\_\_

BY \_\_\_\_\_

REMARKS \_\_\_\_\_

**APPLICATION FOR PERMIT TO DRILL OR DEEPEN AN OIL,  
GAS OR TEST WELL**

\_\_\_\_\_, Indiana, \_\_\_\_\_, 19\_\_\_\_

Lessor (farm owner) \_\_\_\_\_

Address \_\_\_\_\_

Lessee (operator) \_\_\_\_\_

Permanent address \_\_\_\_\_  
(Include street and number) (Hotel addresses are not acceptable)

**LOCATION OF WELL**

Pool (name) \_\_\_\_\_ or Wildcat \_\_\_\_\_ Well designation and No. \_\_\_\_\_

County \_\_\_\_\_ Civil Township \_\_\_\_\_

\_\_\_\_\_ feet from North line \_\_\_\_\_ feet from East line  
\_\_\_\_\_ feet from South line \_\_\_\_\_ feet from West line

of the \_\_\_\_\_ 1/4 of the \_\_\_\_\_ 1/4 of the \_\_\_\_\_ 1/4 of Section \_\_\_\_\_ Township \_\_\_\_\_ Range \_\_\_\_\_

No. feet from nearest producing well \_\_\_\_\_ Number of acres allotted to well \_\_\_\_\_

Number of acres in lease \_\_\_\_\_ Type of well \_\_\_\_\_

(Indicate whether for oil, gas, structure test,  
salt water disposal, gas or water input well.)

Cable or rotary tools \_\_\_\_\_ Is this a communized drilling unit? \_\_\_\_\_

Probable depth of completed well \_\_\_\_\_ Date drilling is expected to start \_\_\_\_\_

Name of the geological formation in which production is expected \_\_\_\_\_

Is or will applicant be sole owner of well? \_\_\_\_\_

Is applicant a partnership, firm, or corporation? \_\_\_\_\_

If a corporation, is this operation authorized by your charter? \_\_\_\_\_

Is an assumed business name used? \_\_\_\_\_ If so, is such name registered as it is required by law, and in what county? \_\_\_\_\_

Is applicant acquainted with the Indiana Laws, the Rules, Regulations and Orders of the Department relative to oil and gas operations? \_\_\_\_\_

Name of Surety Bond Agency \_\_\_\_\_ Type of bond \$1,000 \_\_\_\_\_ \$5,000 \_\_\_\_\_

Is the applicant at this time in violation of any requirements? \_\_\_\_\_

Is well located over an active mine, mined out area or where coal rights have been taken? \_\_\_\_\_

Send Permit to \_\_\_\_\_ Address \_\_\_\_\_

Name of Contractor \_\_\_\_\_ Address \_\_\_\_\_

The undersigned hereby swears (or affirms) the foregoing facts in this application are true as therein set forth.

Dated this \_\_\_\_\_ day of \_\_\_\_\_, A.D. 19\_\_\_\_

1. Accompany application with fee of \$25.00.

2. Copy of communization agreement.

3. Notify Commission of transfer of ownership.

Signature of Applicant

(Over)

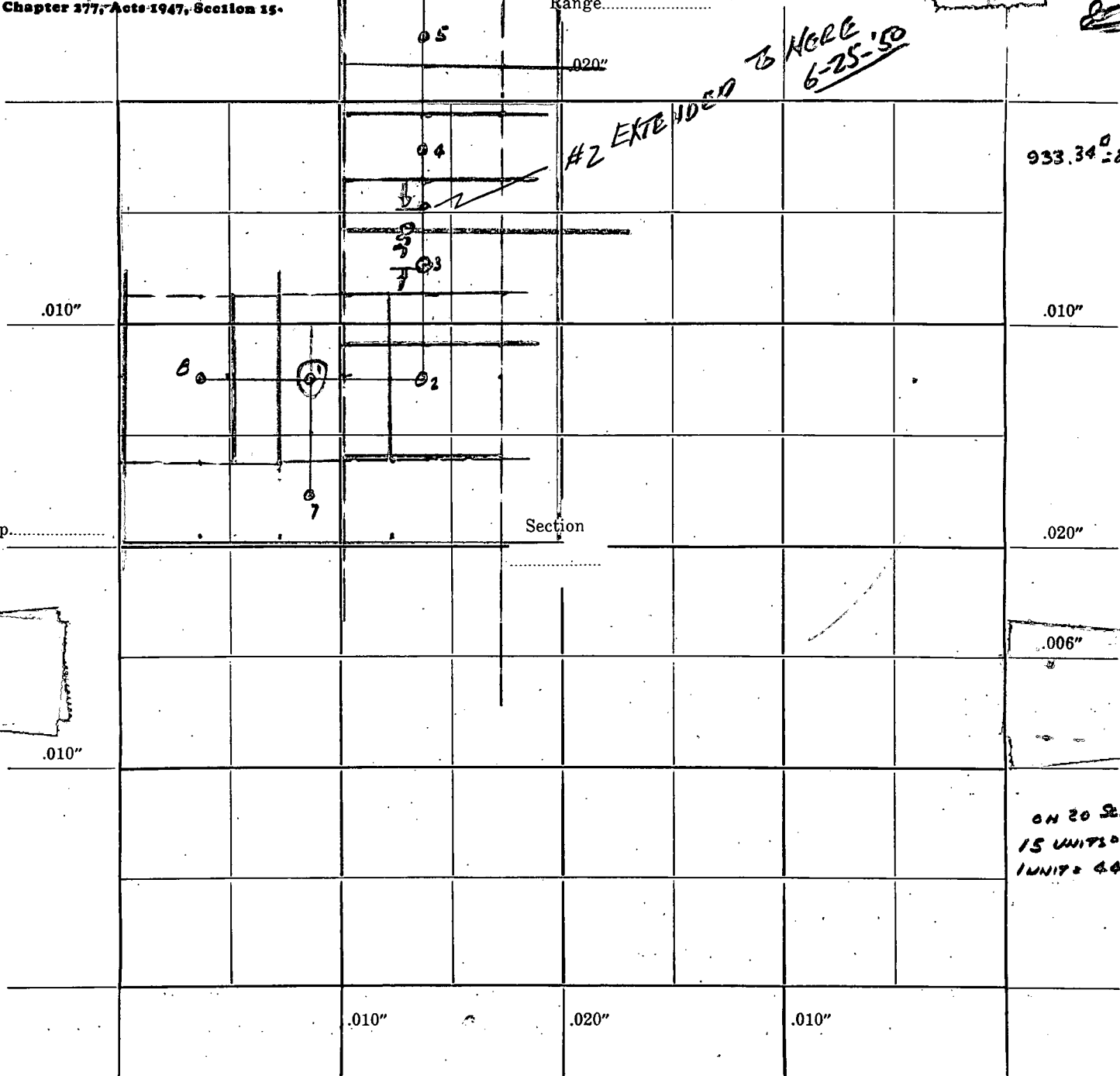
OUTLINE LEASED AREA ON PLAT, outline the area designated to the well and spot well location; location and number of all older wells, dry, abandoned or producing Is proposed location within the limits of an incorporated city, village, town or state property?

Elevation of surface at well is \_\_\_\_\_ ft. Method of determining elevation \_\_\_\_\_  
Chapter 277, Acts 1947, Section 15.

(Drilling Units, See Rule 22.)

KEY MAP

23



Scale of 6" equals 1 mile; smallest squares are 660' x 660' and contains 10 acres

I hereby certify that to the best of my knowledge and belief the proposed location of the above described well, fixed as the result of an instrument survey made by me in compliance with the requirements of the laws of Indiana, is truly and correctly set forth hereon.

Seal

(Sec. 16, Registration Act)

(Signature of Registered Engineer or Land Surveyor)

(Give Indiana Registration Number or Date of Commission Approval)

(Address)

(Additional information)

(See reverse side)



October 31, 1951

Adriest Tool & Engineering Co.  
3724 East 9th Street  
Indianapolis, Indiana.

Gentlemen;\*

There is some doubt in my mind, as to the proper location of the site as shown on the attached application and as pointed out to us in the field. It may not be in the correct location in reference to the twenty (20) acre tract I have out lined, as per instructions issued by the Board.

However I have shown that Mr. Snapp owns all the lands in the immediate area and as far as I have been informed there are no other leases in or on the Snapp real estate, and upon proper explanation to the Board of these facts and conditions, you may gain permission for the said site.

If permission is not granted for the said site, the same will have to be properly located by some personnel who is acquainted with the regulations issued by the Board.

We made four trips to the site in order to collect the data shown on the application, therefore our bill to you should be more than the set rate of \$25.00, but due to the facts that <sup>we</sup> was not altogether conditions that you could control, you may consider the paragraph as a bill for the sum of \$25.00

yours truly,

---